| POSITION                  | INITIALS | ID NO. | DATE     |
|---------------------------|----------|--------|----------|
|                           | 97.4 F   |        | 1072501  |
| FEE DETERMINATION         | V        |        | 7-21     |
| O.I.P.E. CLASSIFIER       |          |        | 1-31-01  |
| FORMALITY REVIEW          | ay       |        | 09/05/01 |
| RESPONSE FORMALITY REVIEW | 8        |        |          |
|                           |          |        |          |

## INDEX OF CLAIMS

| Rejected                   | N Non-elected |
|----------------------------|---------------|
| = Allowed                  | IInterference |
| (Through numeral) Canceled | A Appeal      |
| ÷ Restricted               | O Objected    |

|                   | T                          |                 |                 |               |                         | Claim Date |          |               |                 |   |            |          |                    | Claim Date |                        |                     |              |          |          |                 |          |            |          |          |          |               |
|-------------------|----------------------------|-----------------|-----------------|---------------|-------------------------|------------|----------|---------------|-----------------|---|------------|----------|--------------------|------------|------------------------|---------------------|--------------|----------|----------|-----------------|----------|------------|----------|----------|----------|---------------|
| Claim             |                            | ate             |                 | Τ-            | $\vdash$                | 1          |          | Τ             | T               | abla                                    | Ţ          | Γ        | -                  |            |                        | $\neg$              |              | - T      |          |                 | 1        |            |          |          |          | 1             |
| <u>  [</u>        | 11                         | 1 1             |                 | 1             |                         | _          | Original | 1             | 1               |   | 1          | Ì        |                    | ļ          | -                      | -                   | <sub>ਲ</sub> | Original |          | -               |          | 1          |          |          |          | -             |
| اقانقا            | 1 1 1                      |                 | 1               | -             | ]                       | Final      | Ē        |               | ì               | l                                       |            |          |                    |            | Ì                      | i                   | Final        | 5        |          |                 |          | -          |          | -        |          |               |
| Final             |                            |                 | $oxed{oxed}$    |               | $\perp$                 | 4          |          | ┿             | ╁               | ╁╌                                      | ╀╌         | +-       | H                  | -          | $\dashv$               | -                   |              | 101      | $\vdash$ |                 | _        | _          |          | T        | Т        | Т             |
| (1)               |                            |                 |                 |               |                         |            | 51       | 4_            | ╀               | ╀                                       | ╄          | ┼-       | -                  | _          | -+                     |                     | -            | 102      | $\vdash$ | 十               | _        | +          | +        | $\top$   | 十        | 十             |
| 2                 | $\Box$                     | $\top$          | Г               |               |                         |            | 52       |               | ↓_              | ↓_                                      | ↓_         | ╄        | <u> </u>           | Щ          | -                      | $\dashv$            | $\vdash$     | 103      | $\vdash$ | $\dashv$        | +        | +          | +        | -        | 十        | 十             |
| 3                 | $\vdash$ $\vdash$ $\vdash$ |                 |                 |               |                         |            | 53       | 1             | _               | 1_                                      | 1_         | _        |                    | _          | $\rightarrow$          |                     | <u> </u>     |          | $\vdash$ | -               | -+       | +          | +        | +        | +-       | +             |
| 4                 | 1-1-1                      | +               | $\vdash$ †      | _             | $\Box$                  |            | 54       | Т             | T               | L                                       |            | L        | 辶                  |            | $\perp$                | _                   | <u> </u>     | 104      | $\vdash$ | -               | +        | +          | +        | +        | +        | +             |
| 5                 | +++                        | +-              | +               | ┪~            | $+ \neg$                |            | 55       | Т             |                 | Ţ                                       |            | 1        | L.                 |            |                        | _]                  | $\perp$      | 105      | $\sqcup$ | _               | 4        | 4-         | +        | -+       | +        | -+            |
|                   | ╁╌┼╌┼                      |                 | ╁╌┼             | +             | +                       | F-         | 56       | 1             | 1               | Т                                       | Τ          | Т        | Γ                  |            |                        |                     | L            | 106      | $\perp$  | _               | $\perp$  | 4          | 4        | _        | +        | 4             |
| -6                | +++                        | -+~             | ++              | +             | +-                      | _          | 57       | $\top$        | 1               | 1                                       | 1          | $\top$   | П                  | Г          |                        |                     | ١.           | 107      |          |                 | $\perp$  | _          | _        | $\perp$  | 4        | -             |
| 7 .               | $\perp$                    | _               | ++              | +             | ++                      | -          | 58       | _             | +               | t                                       | +          | 十        | $\vdash$           | Γ          |                        |                     |              | 108      |          |                 |          |            |          |          |          | ┙             |
| 8                 | 1-1-1                      | ——              | ++              | -             | +-1                     | <u> </u>   | 59       | ╅╴            | +-              | ╫                                       | ╁          | +        | $\vdash$           | $\vdash$   | $\Box$                 | ヿ                   |              | 109      | П        |                 |          | T          |          |          | $\perp$  |               |
| 9                 |                            |                 | $\vdash$        | - -           | <b>∔</b>                | <u> </u>   |          | +             | ╁               | +                                       | ╁          | +        | $\vdash$           | 十          | $\vdash$               | ┥.                  |              | 110      | $\Box$   |                 |          | $\exists$  | $\top$   | Т        | T        | $\Box$        |
| 10                |                            |                 | $\perp \perp$   |               | $\downarrow \downarrow$ | <u> </u>   | 60<br>61 | +             | - -             | ╁                                       | ┿          | ╁        | ╁                  | ┨          | ╂                      | $\dashv$            | $\vdash$     | 111      |          | П               | $\dashv$ | 丁          | 7        | T        | Т        | T             |
| 11                |                            |                 | $\perp$         |               | 11                      | <u> </u>   |          | +             | +               | +                                       | +          | +        | -                  | ┾          | $\vdash$               |                     |              | 112      | _        | H               | 一        | 十          | ┪        | $\neg$   | 十        | ヿ             |
| 12                |                            |                 |                 |               | $\Box$                  | $\vdash$   | 62       | $\perp$       | $\perp$         | +                                       | +          | +        | ╀                  | $\vdash$   | ⊢┤                     | $\dashv$            | -            | 113      | $\vdash$ | ┥               | 一        | $\dashv$   | +        | 十        | 十        | ヿ             |
| 13                | $\top$                     |                 |                 |               |                         | L          | 63       | $\perp$       | $\perp$         | 4                                       | $\bot$     | $\perp$  | $\perp$            | ╄          | $\vdash$               | Щ.                  | -            | -        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | 十        | $\dashv$      |
| 14                | +++                        | o               | 11              | $\neg$        |                         |            | 64       | $\perp$       |                 | $\perp$                                 | ┸          | $\perp$  | $oldsymbol{\perp}$ | $\perp$    | $\sqcup$               | Щ                   | $\vdash$     | 114      | ╁        | $\vdash \vdash$ | $\dashv$ | +          | $\dashv$ | +        | +        | $\dashv$      |
| 15                | +++                        | $\dashv$        | 11              | $\neg$        | $\sqcap$                |            | 65       | T             |                 | لَـــــــــــــــــــــــــــــــــــــ | $\perp$    | $\perp$  | 1_                 | $\perp$    | $\sqcup$               | Ц                   | <u> </u>     | 115      | ╄-       | ⊢               |          | }          | +        | $\dashv$ | +        | $\dashv$      |
| 46                | ┽┼┥                        | $\dashv$        | ++              | $\neg \vdash$ | $\top$                  |            | 66       | Т             | T               |   |            |          |                    | L          |                        | Ш                   | L            | 116      | ↓-       | $\vdash$        |          | -          | -        | -+       | +        | $\dashv$      |
| 17                | ┼┼┤┤                       | +               | ++              | 十             | <del>†</del> †          |            | 67       | $\top$        | T               | T                                       | Т          | T        |                    |            |                        | Ш                   | L            | 117      | 1_       | Ш               |          | _+         | _+       | _+       | +        | 4             |
| $\rightarrow$     | +                          | -               | +               |               | +-                      |            | 68       | $\dashv$      | 1               | ╗                                       | ┪          | 1        | 1                  | T          | T                      |                     |              | 118      |          |                 |          |            | _        | _        | $\perp$  | _             |
| 18                | +                          |                 |                 |               | +                       | -          | 69       | 十             | +               | 十                                       | +          | +        | ╅                  | 1          |                        | П                   |              | 119      | T        |                 |          |            |          |          | $\perp$  | $\Box$        |
| 19                | $\bot$                     | $\perp$         | $\rightarrow$   |               | $\bot$                  | -          |          | +             | +-              | +                                       | +-         | +-       | +-                 | +-         | $\dagger$              | Н                   |              | 120      | ナー       |                 |          |            |          |          |          |               |
| 20                | 1 1                        |                 |                 |               |                         | L          | 70       | _             | 4               | 4                                       | +          | +        | +-                 | +-         | +-                     | $\vdash$            | -            | 121      | +-       | +-              |          |            | _        | -†       | $\top$   | $\neg$        |
| (21)              | $\top$                     |                 |                 |               |                         | L          | 71       |               | $\perp$         | _                                       | Ļ          | _        | $\bot$             | +          | ╄                      | $\vdash$            | ⊢            |          | ╁        | $\vdash$        | Н        | $\dashv$   | $\dashv$ | -        | -+       | ᅥ             |
| 22                | + +                        |                 | $\top$          | $\neg \vdash$ |                         |            | 72       |               |                 |   | $\perp$    | _        | 1                  | ╄          | ↓_                     | H                   | -            | 122      | +-       | ╁               |          | $\dashv$   | -+       | -+       | $\dashv$ |               |
| 23                | 1                          |                 | $\top$          | $\neg$        |                         |            | 73       |               |                 |   | ┙          |          | ┵                  | 丄          | ↓_                     |                     | -            | 123      | +-       | ╄               | Н        |            | -+       | -+       | $\dashv$ | -1            |
| 24                | +                          |                 | $\dashv \dashv$ | 1             | $\top$                  |            | 74       |               | T               |   |            | $\perp$  |                    | _          |                        |                     | _            | 124      | -        | ↓-              | $\vdash$ | $\vdash$   |          | -        | -+       | -             |
| $\longrightarrow$ | +-+-                       | $\vdash \vdash$ | +-              | 一十            | $\dashv$                |            | 75       | T             | П               | 7                                       | Т          |          |                    | Τ.         | <u> </u>               |                     | L            | 125      |          | ↓_              |          |            | -        | -        | -+       |               |
| 25                | +                          | $\vdash$        | +               | -+            |                         |            | 76       | 十             | 7               | $\top$                                  | $\top$     | T        | Τ                  | T          | T                      |                     |              | 126      |          | L               |          | Щ          | _        |          | 4        |               |
| 26                | +                          | -               | +-              | -+            | ++                      | $\vdash$   | 77       | _             | _               | ╅                                       | _          |          |                    | 1          | $\top$                 | П                   |              | 127      |          | L               |          |            |          |          |          |               |
| 27                |                            | <del>⊢</del> ⊢  | +               | $\dashv$      | $\dashv$                | $\vdash$   | 78       | $\dashv$      | -+              | -+                                      | +          | +        | +                  | ┰          | $\top$                 | $\Box$              |              | 128      | Т        | Г               |          |            |          |          | $\dashv$ |               |
| 28                |                            | $\vdash$        | -               | $\rightarrow$ |                         | -          | 79       | -+            | -+              | +                                       | +          | +        | 十                  | +          | 十                      |                     |              | 129      | 1        |                 |          |            |          |          |          |               |
| 29                |                            | Ц.              | _               | $\sqcup$      | $\dashv$                | -          |          | -+            | -+              | +                                       | -+         | +        | +                  | +          | +                      | +                   |              | 130      | 1        | T               | T        | П          |          |          |          |               |
| 30                |                            | $\perp \perp$   |                 | $\sqcup$      | $\perp \perp$           | L          | 80       | _+            | -               | -                                       | -+         | +        | +                  | +          | +                      | +                   | -            | 131      | +-       | +               | T-       |            |          |          |          | Π             |
| . 31              | T                          |                 |                 |               |                         | L          | 81       | $\rightarrow$ | 4               | $\perp$                                 | -          | +        | +                  | +          | +-                     | ++                  | $\vdash$     | 132      | +-       | +-              | -        | Н          |          |          | 7        |               |
| 32                |                            | TT              | T               |               |                         | L          | 82       | $\perp$       | $\dashv$        | 4                                       | $\dashv$   | 4        | 4                  | -          | 4-                     | 1-1                 | -            |          | -        | +-              | ┼─       | -          | -        | -        | $\dashv$ | $\overline{}$ |
| 33                |                            |                 |                 | П             | $\neg \neg$             | l_         | 83       | $\bot$        |                 |   |            | $\perp$  | $\perp$            | 1          | _                      | 1-1                 | $\vdash$     | 133      | +-       | ┼               | ┼        | ⊢          | -        | Н        |          | $\vdash$      |
| 34                | ++                         | 1               | 7               | $\Box$        | $\sqcap$                |            | 84       | _T            | $\Box$          |   |            |          | 丄                  |            | _                      | $\perp \perp$       | <u> </u>     | 134      |          | +-              | ┼        | -          | $\vdash$ | $\vdash$ | -+       | -             |
| 35                | ++                         | 1               | $\dashv$        | $\Box$        | 77                      |            | 85       |               | $\neg$          |   |            | _[       |                    | ot         | $\bot$                 | Ш                   | L            | 135      | $\perp$  | $\perp$         | ┰        | <b>├</b> - | -        | $\vdash$ |          | $\vdash$      |
| 36                | ++                         | ++              |                 | † †           | $\dashv \dashv$         |            | 86       |               | $\neg \uparrow$ | $\neg$                                  | $\sqcap$   | П        |                    |            | $\perp \!\!\! \perp^-$ |                     |              | 136      |          | 丰               | ـــ      | <b>↓</b> _ | <u> </u> | $\vdash$ |          | -             |
| L————             |                            | ++              | +               | +             |                         | H          | 87       | $\vdash$      | 寸               | $\dashv$                                | $\neg$     | 7        | 7                  |            | T                      |                     |              | 137      |          |                 | 上        | _          | <u> </u> |          |          | ┝             |
| 37                | ++                         | ++              |                 | ╆┼            | -                       | -          | 88       | $\vdash$      | -               | $\dashv$                                | $\dashv$   | $\dashv$ | ┪                  | +          | 1                      | $\top$              |              | 138      |          | $\perp$         |          | <u></u>    | <u>_</u> |          |          | <u> </u>      |
| 38                |                            | +               | -+-             | ++            |                         | ╷╶├╴       | 89       | $\vdash$      | -+              | $\dashv$                                | -†         | -+       | - -                | +          | +                      | $\dagger \dagger$   |              | 139      | $\top$   | T               |          |            | Ĺ        |          |          | L             |
| 39                |                            | $\bot \bot$     |                 | ╀┤            | $\dashv\dashv$          | -          |          | $\vdash$      | -+              | -+                                      | -+         | -+       | -+                 | -          | +                      | +                   | r            | 140      | 7        | 7               |          |            |          |          |          |               |
| 40                | $\perp$ $\perp$            |                 |                 |               |                         | -          | 90       | $\sqcup$      | _               | _                                       |            | $\dashv$ | +                  | $\dashv$   |                        | +-1                 | -            | 141      | +        | +               | +-       | †          | $\vdash$ | Τ        | П        | Г             |
| 41                |                            | $\Box$          |                 |               |                         | lL         | 91       | Ш             |                 |   |            | _        | _                  | _          | +                      | 44                  | -            |          |          | +               | +        | +-         | +-       | +-       | М        | Γ             |
| 42                |                            | <del> </del>    | $\neg \vdash$   | $\top$        |                         | lΓ         | 92       |               | }               |   | l          |          | $\perp$            |            | _ _                    | $\perp \! \! \perp$ | Ļ            | 142      | +        | 4-              | +-       | +          | ╀─       |          | $\vdash$ | $\vdash$      |
| 43                | +                          | ++              | 1               | $\top$        |                         |            | 93       |               |                 |   |            | J        |                    | $\perp$    | $\bot$                 | $\perp \! \! \perp$ | L            | 143      |          | -               | 4-       | +-         | +-       | +-       |          | $\vdash$      |
| 44                | <del>- - </del> -          | ++              |                 | +             |                         | 1          | 94       |               |                 |   |            |          | Т                  | T          |                        |                     |              | 144      |          | $\perp$         | $\perp$  | 4-         | ↓_       | <b>↓</b> |          | $\vdash$      |
|                   | ++                         | +               | +-              | +-            | -+-                     | 1          | 95       |               |                 | $\Box$                                  | $\Box$     |          | _                  |            |                        | $\top$              |              | 145      |          |                 | ┸        | 1_         | ↓_       | ↓_       |          | +             |
| 45                |                            |                 | +-              | +             |                         | 1          | 96       |               | Н               | H                                       | Н          | 1        | _†                 | 十          | _                      | $\dashv \dashv$     | -            | 146      | T        | Т               |          | L          | _        | <u></u>  | <u> </u> | 1             |
| 46                |                            | +-1             |                 | 4-            |                         | { }-       | 97       |               | -               | -                                       | $\vdash$   |          | +                  | -+         | +                      | $\dashv \dashv$     | f            | 147      | $\neg$   | $\neg$          | T        |            |          |          | L        | L             |
| 47                |                            | 41              |                 | ┷             | <u> </u>                | 4 F        |          |               | -               | -                                       |            | $\vdash$ | +                  | $\dashv$   | +                      | + $+$               | ŀ            | 148      | +        | +               | ┪        | 7          | T        |          | <u>_</u> | L             |
| 48                |                            |                 | $\perp$         | _             | <u> </u>                | 1          | 98       |               | <u> </u>        | $\vdash$                                | <b> </b> - | $\vdash$ | -+                 |            | +                      | $\dashv\dashv$      | -            | 149      | +        | -               | +        | +-         | T        | T        |          | L             |
| 49                |                            |                 |                 |               |                         | Ţ          | 99       |               |                 | $\vdash$                                | <u> </u>   | $\sqcup$ | _                  |            |                        | $\dashv\dashv$      | -            | 150      | +        | -+              | +-       | +          | +        | $\top$   | Γ        | L             |
| 50                |                            | 17              |                 |               | "                       |            | 10       | 0             | $oxed{oxed}$    | <u> </u>                                | L          | لسا      | 1                  |            | L_                     |                     | L            | 1150     | L        |                 |          |            |          |          |          | -             |

If more than 150 claims or 10 actions staple additional sheet here